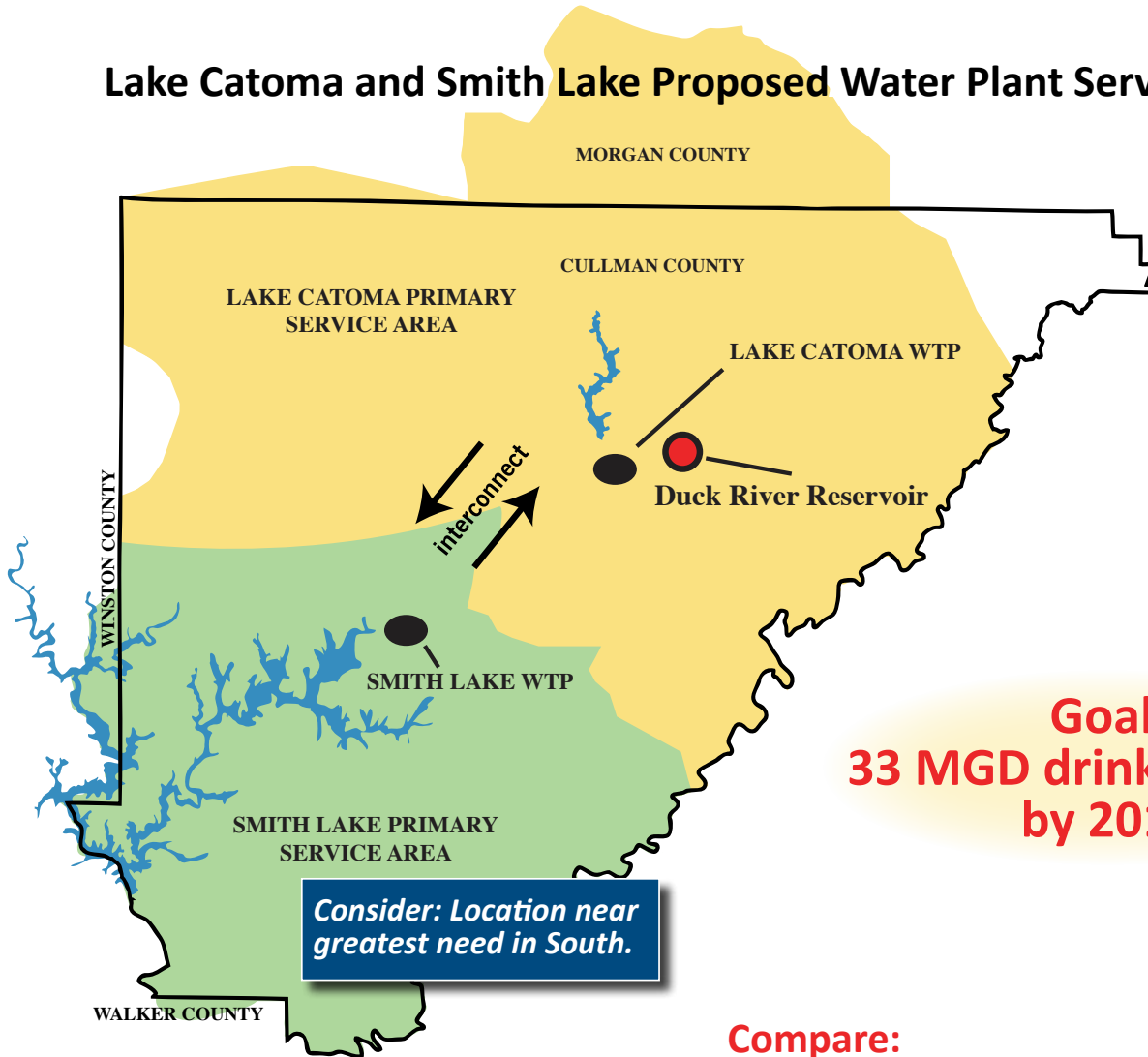


# Regional Water Treatment Proposal

## Redundant Treatment of Water Need

Updated Feb. 22, 2010  
From Oct. 26, 2009 proposal

### Lake Catoma and Smith Lake Proposed Water Plant Service Areas



*Consider: Location near greatest need in South.*

**Goal:**  
**33 MGD drinking water**  
**by 2012**

#### Compare:

#### Smith Lake Treatment Plant

**Total Cost: \$35M**

**- Declined by City -**  
~~\$16.5M~~ — modernize Catoma WTP  
~~\$25M~~ — Catoma WTP & Reservoir  
~~\$5M~~ — Assume Water Debt City Cullman Utility Bd

**\$81.5M Regional Water Board**

**Time: 2-3 years**

1 year — purchase property, design, permit & water quality testing  
 1-2 years — construct WTP

#### City Plan

**Cost: \$63M** — Duck Reservoir

**- Plus -** From current "Water Supply & Treatment Master Plan", City of Cullman Utilities Board  
**\$19M** — Catoma Water Treatment upgrade or  
**\$98M** — Duck River Water Treatment Plant

**\$82-161M - Total cost**

**Time: 5-7 years**

1 year — purchase property  
 3-5 years — construction & fill with water  
 1 year — ADEM-required water quality testing



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